

DD GROUP
INNOVATIVE PRODUCTS



DD PEDESTALS
we support!

**ADJUSTABLE
PEDESTALS**

STANDARD
30-420 MM

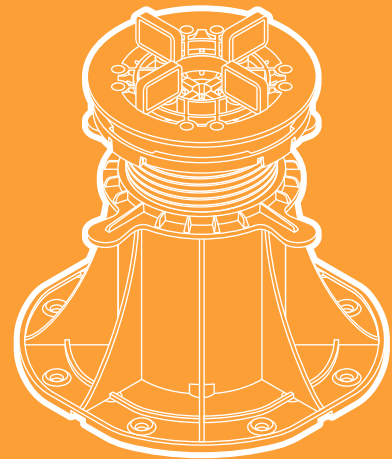
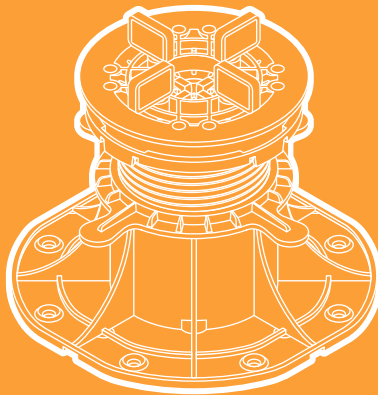
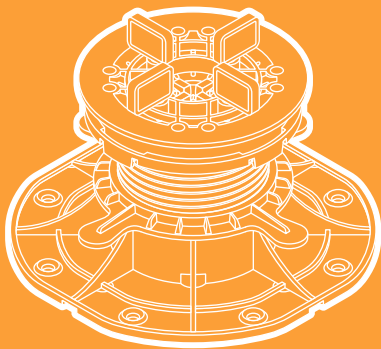
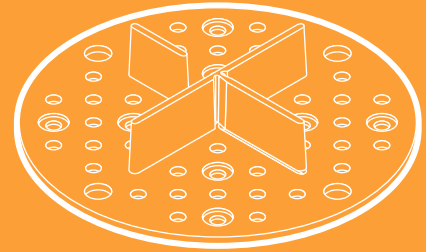
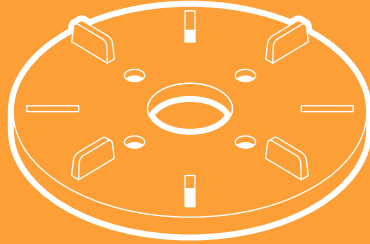
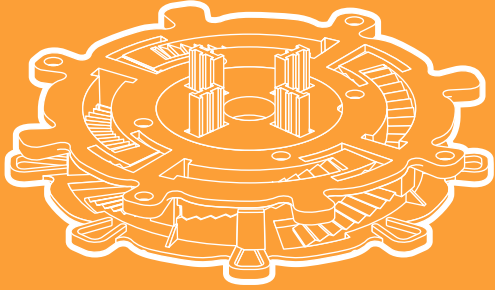


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ABOUT US



DD GROUP
INNOVATIVE PRODUCTS

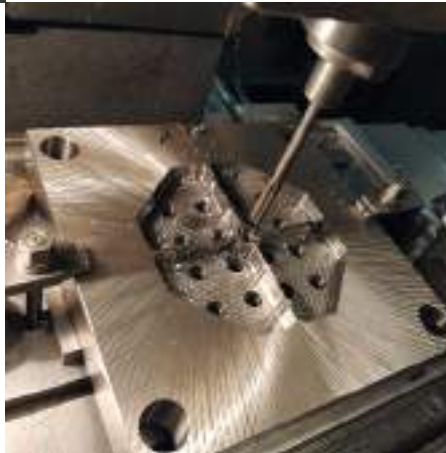


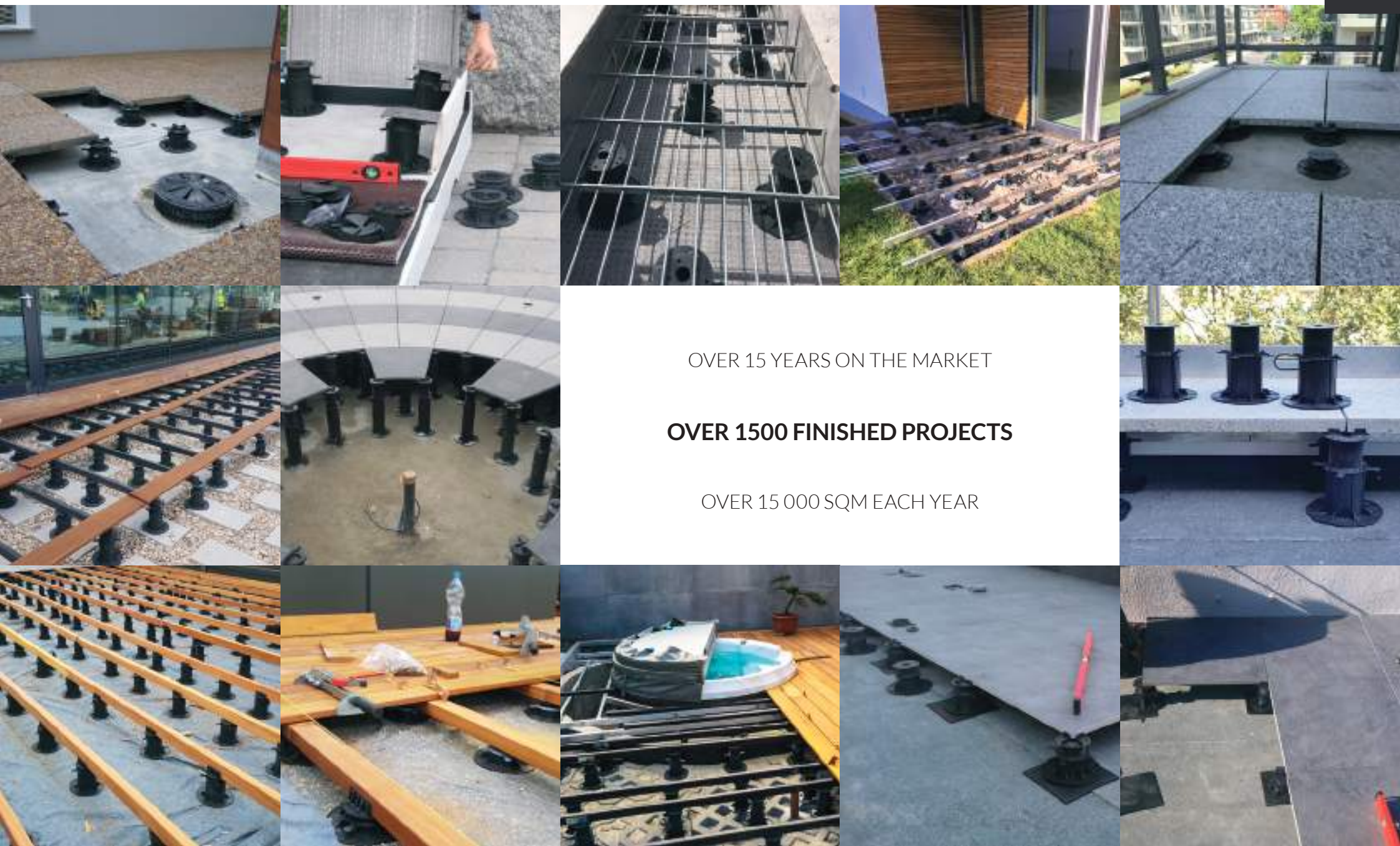
We are presenting You a new updated catalog of pedestals products for 2019. Basing on over 15 years experience we try to share with You our knowledge about terrace pedestals. We prepared for You technical terrace solution examples which allows You to see best solution for terraces on pedestals. All of our products are manufactured by our company what allows to have a quality control on each stage. DD GROUP is creating innovative products as e.g. wooden and composite terraces, green roofs, water drainage. We are ready to share with You our experience and give You best possible customer service. You are welcome to see our new catalog and to start cooperation with us. We are here to support You!



ADJUSTABLE
PEDESTALS

DD PEDESTALS
we support!



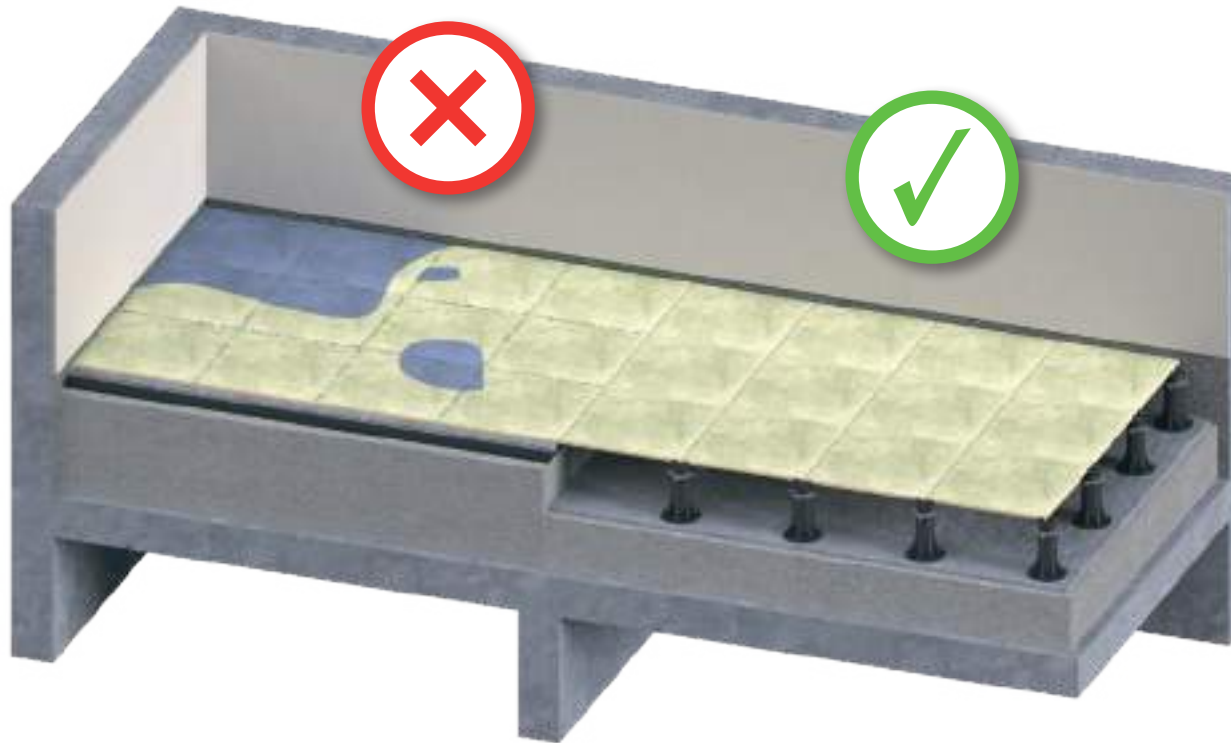


OVER 15 YEARS ON THE MARKET

OVER 1500 FINISHED PROJECTS

OVER 15 000 SQM EACH YEAR

PEDESTALS SUPPORT TERRACES



TRADITIONAL TERRACES

Waterproofing is the **BIGGEST PROBLEM** of contemporary construction industry. Waterproofing defects is reason of about **80% BUILDING DAMAGES**.

- Many tools and materials needed.
- Water laying leads to surface weakening and tiles peeling.
- Traditional terrace cover possible waterproof damages and leads to serious construction damages.
- Constant humidity is cause of unattractive appearance and leads to surface damage.
- Waterproof repairment makes even bigger damages.
- No access to waterproof layer.

VENTILATED TERRACES

Adjustable Pedestals allows to create ventilated terraces easily. Ventilated terraces does not damage waterproof layer and are low cost maintenance.

- + Minimum tools needed.
- + Water does not lie on the terrace surface.
- + Ventilated terraces are light for the construction.
- + Water easy stream do drain.
- + Easy maintenance and no waterproof damage.
- + Terrace height and slope regulation.
- + Product is ecological.
- + Low and high temperature resistant.
- + UV radiation resistant.
- + Workable on every surface.



Water is no longer destroying terrace

- freezing water do not destroy tiles
- no more unsightly leaks
- water do not stay on the terrace



Additional noise reduction

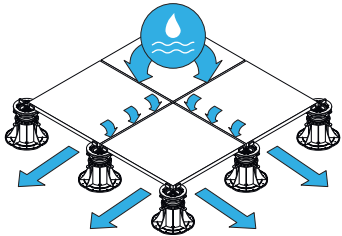
- Adjustable Pedestals System ensure better thermal insulation.
- Air gap between terrace surface and basis cause constant air circulation.
- It makes waterproof layer higher effective and more durable.
- Water insulation is not exposed to external atmospheric factors and UV radiations



Flat surface

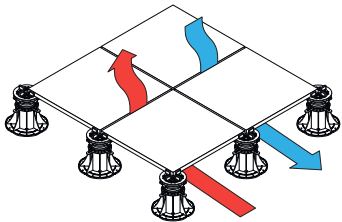
- Leveling terrace with using Adjustable Pedestals is very simple.
- Construction of terrace is stable and there is constant acces to waterproof insulation.

The advantages of ventilated terraces



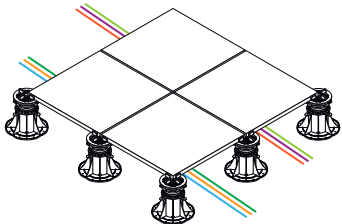
FAST WATER DRAIN AGE

Tiles gap allow water to drain fast and easily. Water does not lay on the terrace surface.



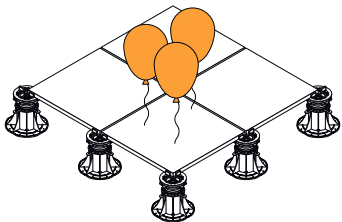
ADDITIONAL THERMAL INSULATION

Adjustable Pedestals System ensure better thermal insulation. Air gap between terrace surface and basis cause constant air circulation. It makes waterproof layer higher effective and more durable. Water insulation is not exposed to external atmospheric factors and UV radiations.



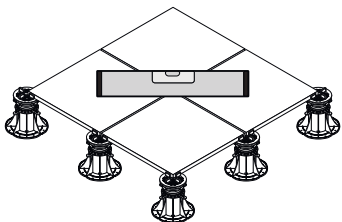
ALL INSTALLMENTS UNDER THE TERRACE

Raised floor mount on adjustable pedestals is solution which allows to lay all installments (pipes, electric cables etc.) under the terrace. All wires can arranged under the terrace surface with every moment access.



LOWER WEIGHT

Ventilated terraces doesn't need many heavy weight plasters as in traditional terraces. Raised floors are low weight construction what contributed to lower investment costs.



FLAT SURFACE

Leveling terrace with using Adjustable Pedestals is very simple. Construction of terrace is stable and there is constant acces to waterproof insulation.



VENTILATED TERRACE ON INSULATED BALCONY



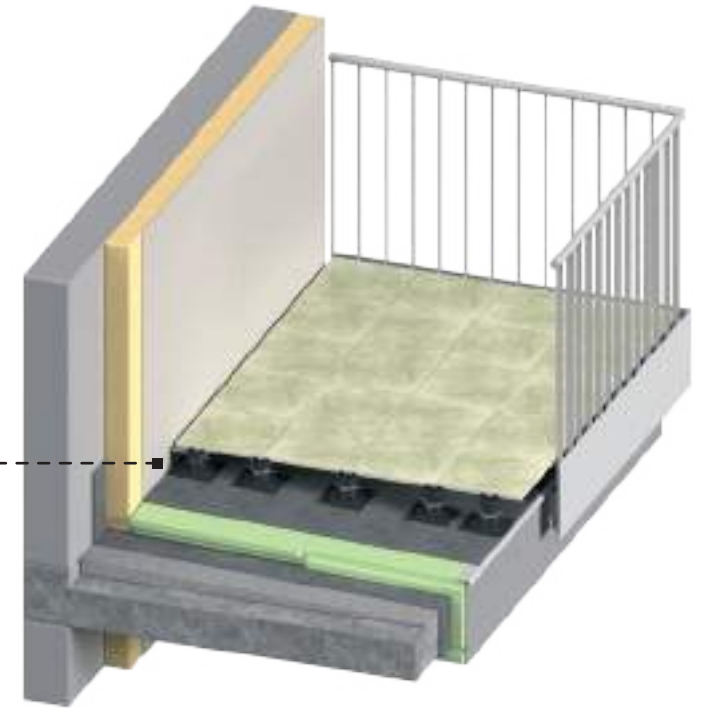
Rectified ceramic tiles 60x60 with 2cm thickness or concrete / stone tiles 40x40cm deidaceted for pedestals support.



Adjustable pedestals DD PEDESTALS Standard series with height regulation 17-420mm or MAX series with height regulation 17-800mm.



Isolation rubber SBR pad 200x200x5mm for additional membrane protection.



COMPOSITE WPC DECKING ON INSULATED BALCONY



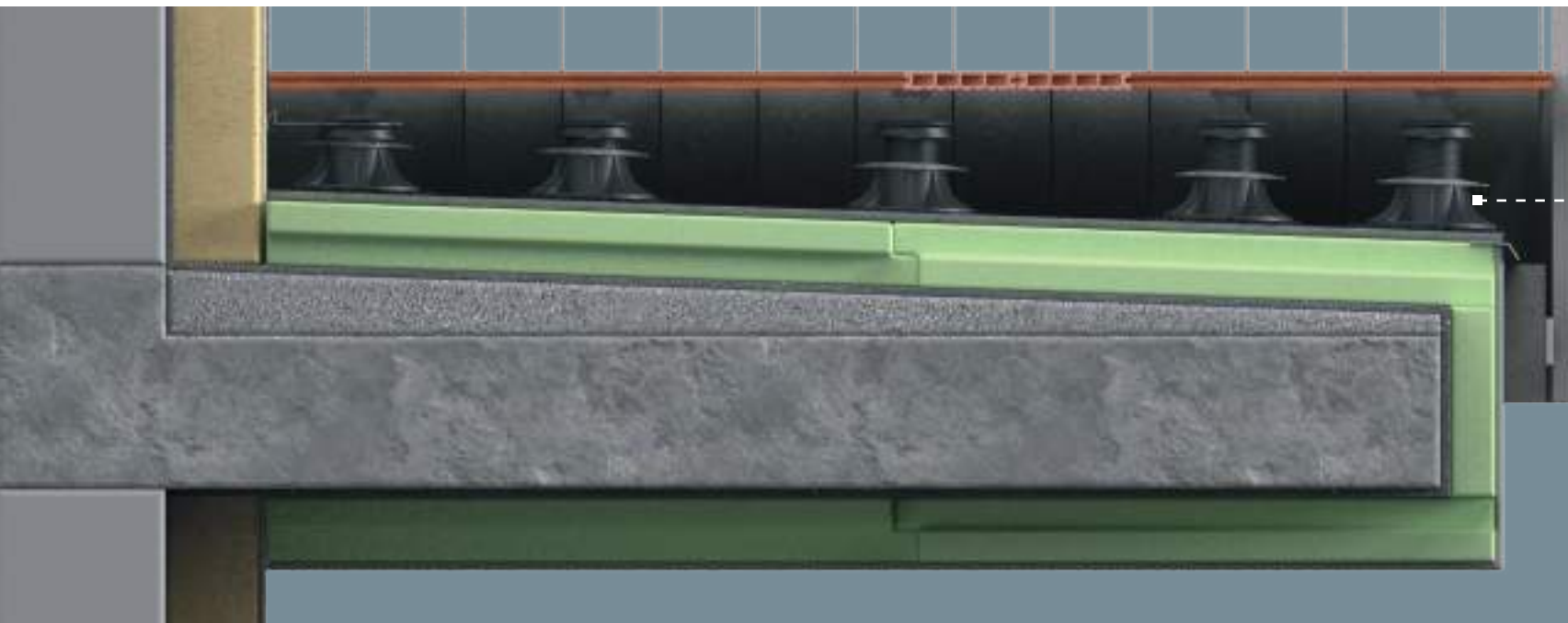
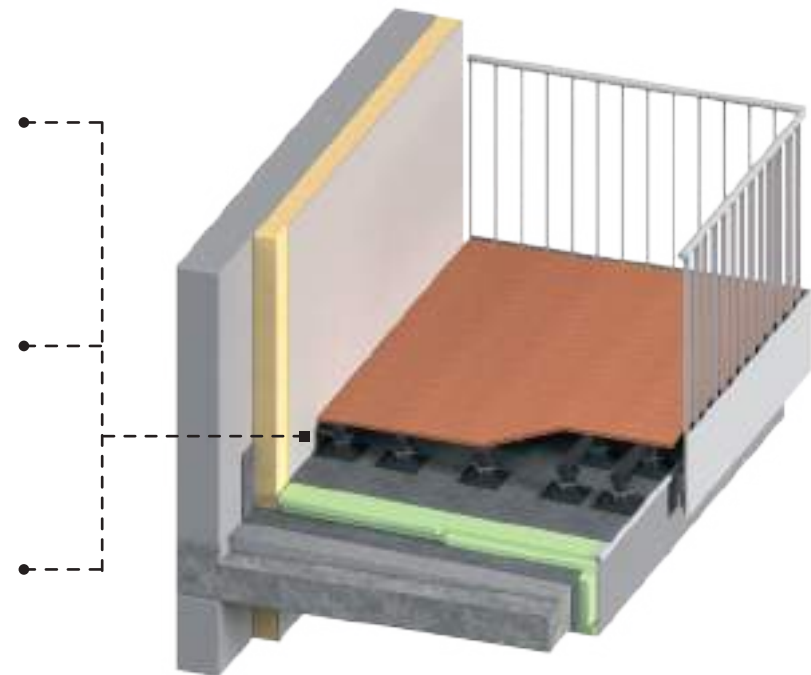
Composite decking DECK-DRY PREMIUM.



Adjustable pedestals DD PEDESTALS Standard series with height regulation 17-420mm or MAX series with height regulation 17-800mm.



Isolation rubber SBR pad 200x200x5mm for additional membrane protection.



VENTILATED TERRACE ON THERMAL BREAK BALCONY



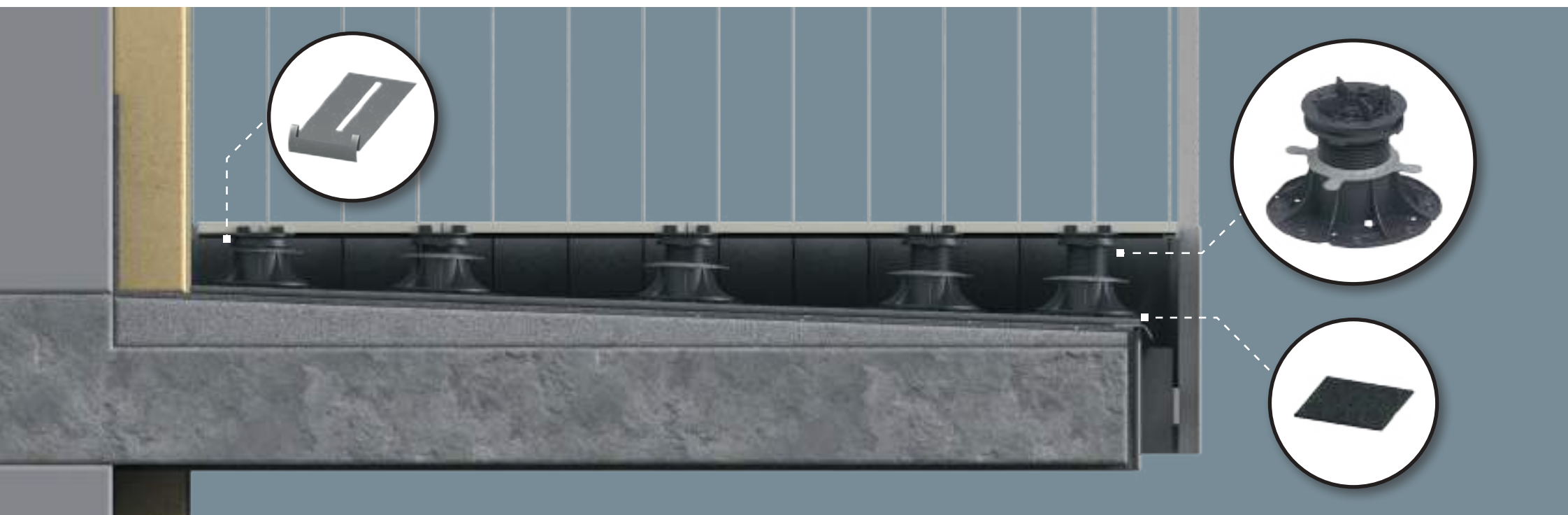
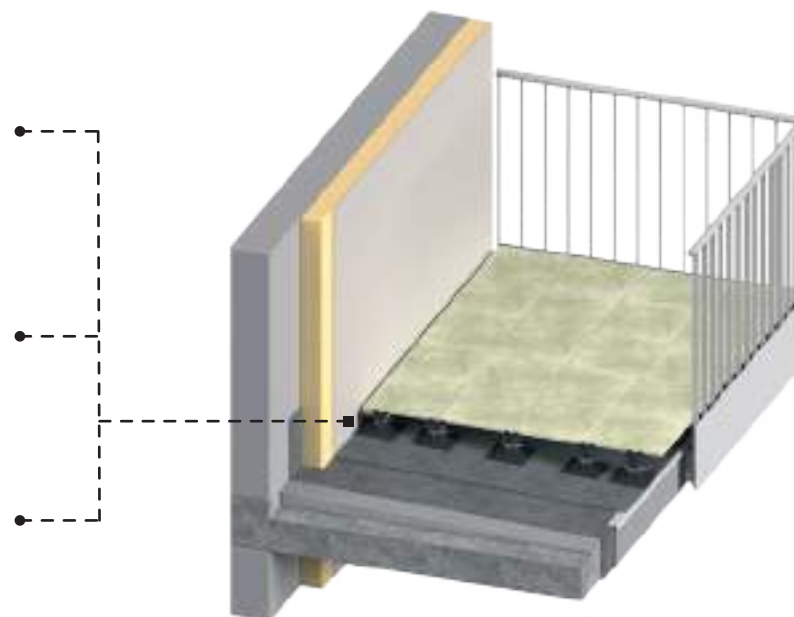
Rectified ceramic tiles 60x60 with 2cm thickness or concrete / stone tiles 40x40cm deidaceted for pedestals support.



Adjustable pedestals DD PEDESTALS Standard series with height regulation 17-420mm or MAX series with height regulation 17-800mm.



Isolation rubber SBR pad 200x200x5mm for additional membrane protection.



WPC DECKING DECK-DRY PREMIUM ON THERMAL BREAK BALCONY



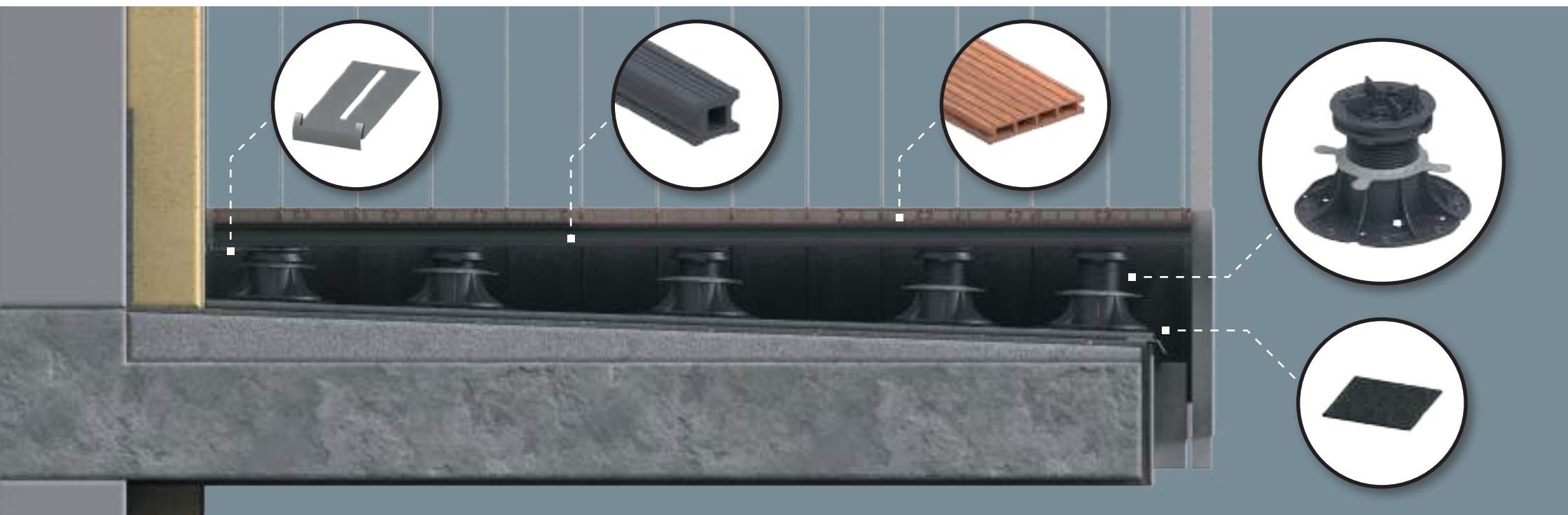
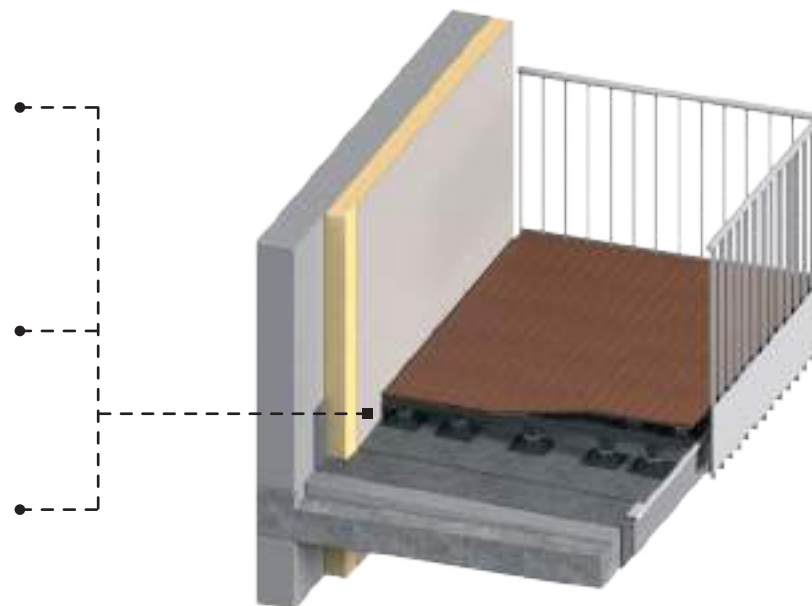
Composite decking DECK-DRY PREMIUM.



Adjustable pedestals DD PEDESTALS Standard series with height regulation 17-420mm or MAX series with height regulation 17-800mm.



Isolation rubber SBR pad 200x200x5mm for additional membrane protection.



VENTILATED TERRACE SUPPORT ON PEDESTALS ON CONCRETE SLAB



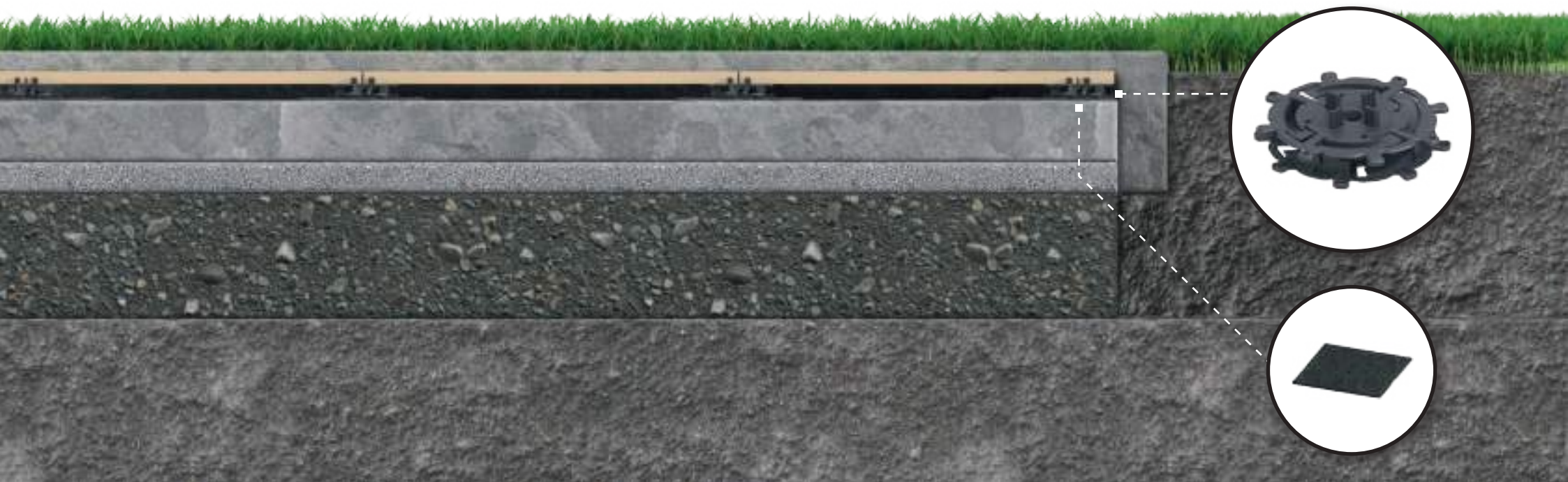
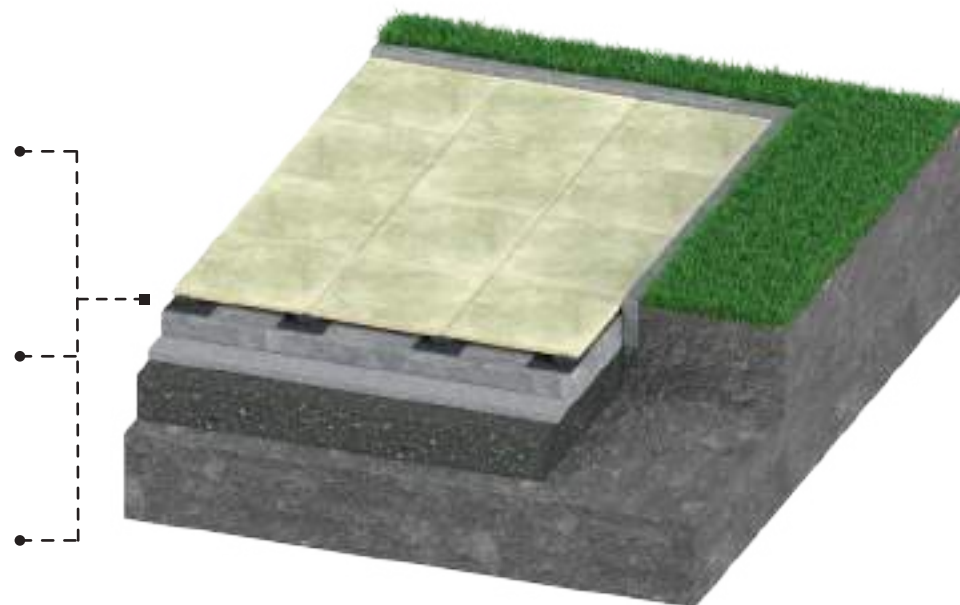
Rectified ceramic tiles 60x60 with 2cm thickness or concrete / stone tiles 40x40cm deidaceted for pedestals support.



Adjustable pedestals DD PEDESTALS Standard series with height regulation 17-420mm or MAX series with height regulation 17-800mm.



Isolation rubber SBR pad 200x200x5mm for additional membrane protection.



VENTILATED TERRACE SUPPORT ON PEDESTALS ON GROUND



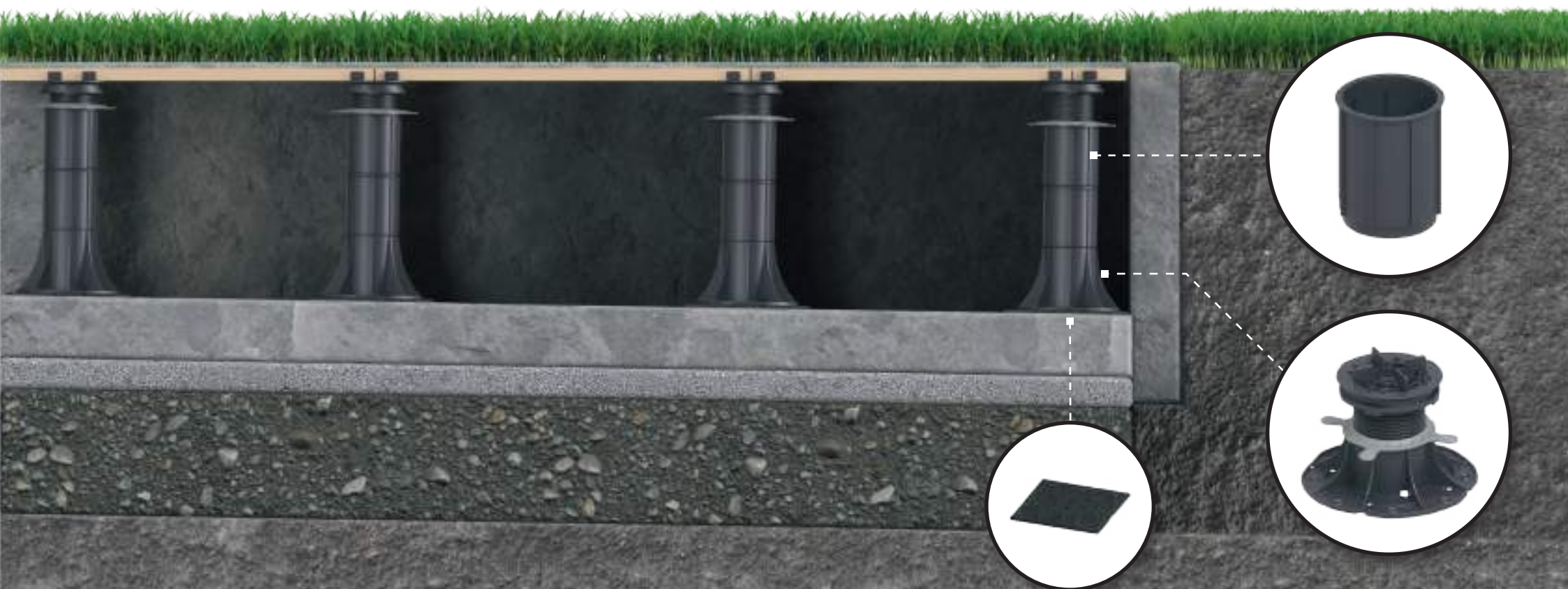
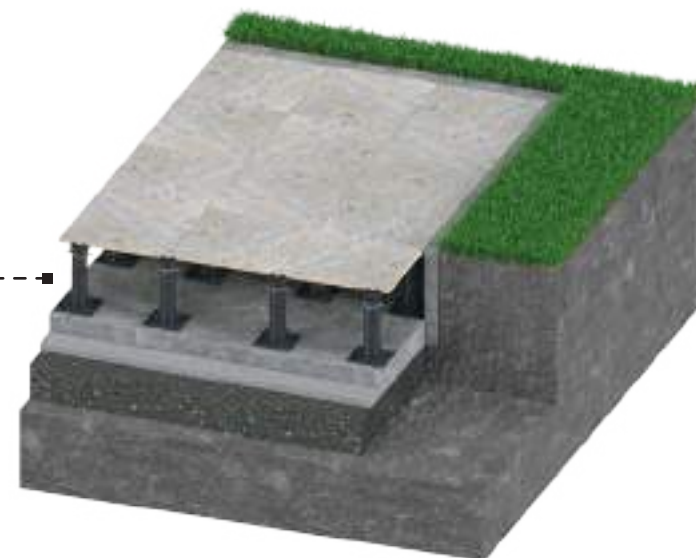
Rectified ceramic tiles 60x60 with 2cm thickness or concrete / stone tiles 40x40cm deidaceted for pedestals support.



Adjustable pedestals DD PEDESTALS Standard series with height regulation 17-420mm or MAX series with height regulation 17-800mm.



Isolation rubber SBR pad 200x200x5mm for additional membrane protection.





ADJUSTABLE PEDESTALS **STANDARD SERIES 30-420 MM**



ADJUSTABLE PEDESTALS / STANDARD SERIES

Universal usage of terrace pedestals system.

Terraces supported on pedestals are possible to use on any kind of sub surface. This is universal solution for so far problematic and complicated construction technology. Universal support system for supporting and leveling tiles and decking joists and others type of external flooring. Roof patios or balconies when made with pedestals support system can be laid faster and easier in compare to traditional terrace solutions.

Universal application



For tiles



For decking

STANDARD pedestals has a wide application usage for any kind of raised terrace flooring (e.g. rectified cerami tiles, stones etc.) and joists for wood or composite decking.



ELEMENTS

Gap spacers

Gap spacers creates gap between tiles with 3 or 5 mm width.

Screw

Each pedestal model has different screw length.

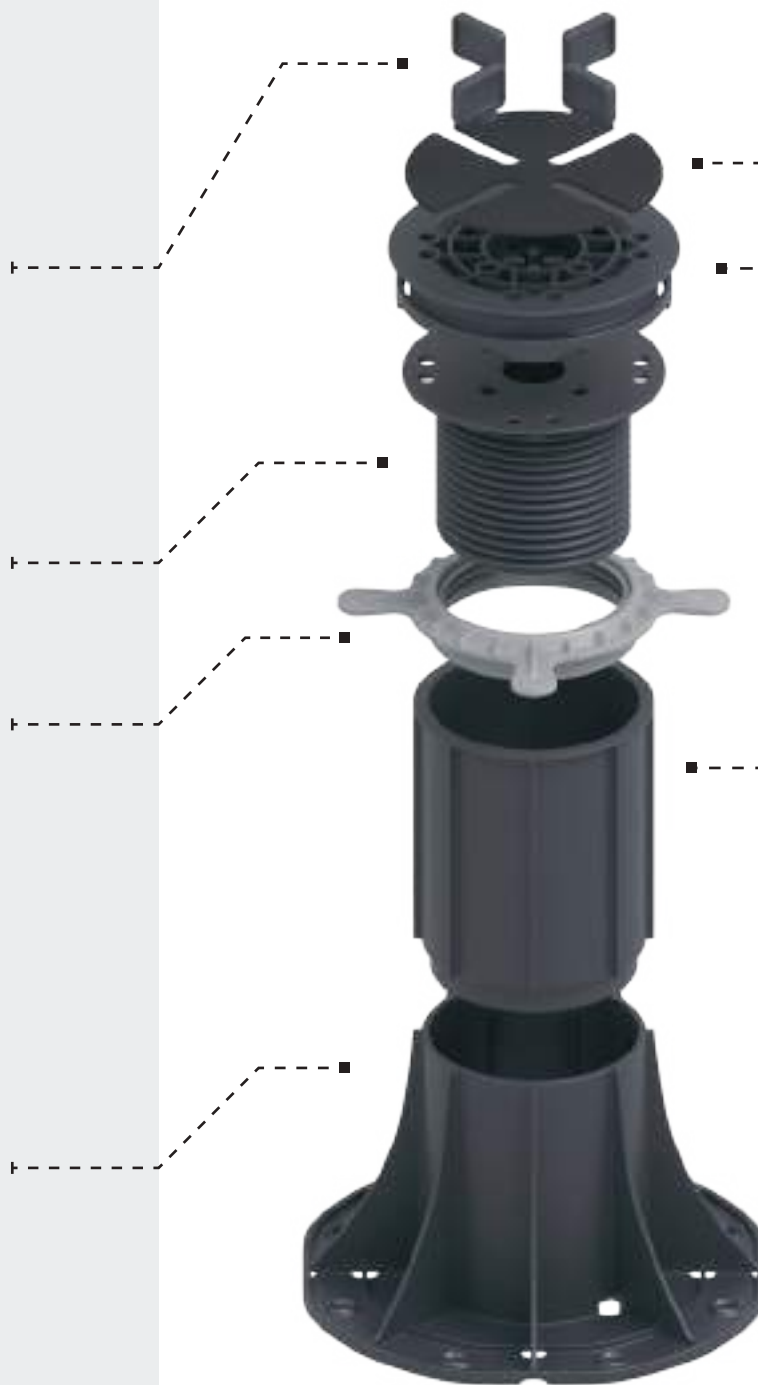
Adjustment ring for height regulation

Adjustment ring allows to easily and smoothly regulate pedestal height.

Base

Pedestal base has different height depend on pedestal model.

NEW - New pedestal base with higher durability and several improvements.



ADDITIONAL ACCESSORIES

Rubber shim



Noise reduction shim. Additionally possible to be divided in parts .
More info p. 26.

Self levelling head



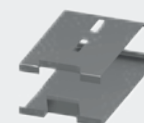
Self levelling head automatically reduce slope of the surface up to 7%.
More info p. 24.

Height Coupler



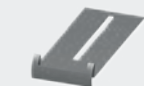
Height Coupler allows to raise pedestal height for 100 mm.
More info p. 22.

Vertical closure clips



Facia board mounting clips.
More info p. 28.

Edge spacer clip



Makes gap between terrace and border wall.
More info p. 30.

Joist adapter



Joist adapter allows deckign joists connection with pedestals.
More info p. 34.

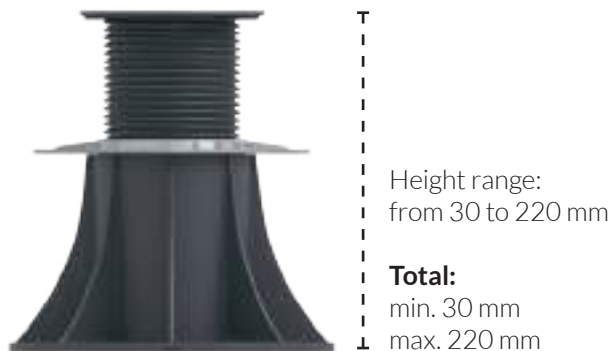
SBR Rubber pad



Rubber isolation rubber pads to place under the pedestal to protect membranes and for noise reduction.
More info p. 32.

ADJUSTABLE PEDESTALS STANDARD

STANDARD
pedestals with no
additional accessories



STANDARD
with self levelling head



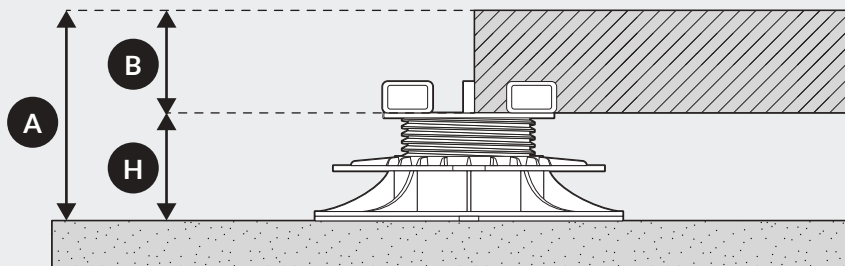
STANDARD
with height coupler DS



PEDESTAL HEIGHT CALCULATION

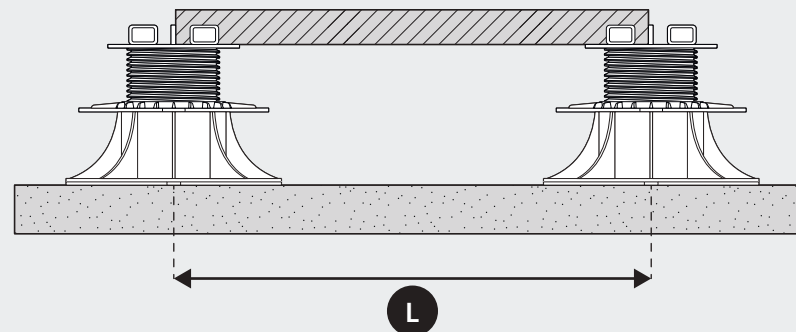
PEDESTAL HEIGHT CALCULATION, $A - B = H$

A - Desired terrace height
B - Surface thickness
H - Pedestal height



PEDESTALS QUANTITY REQUIREMENT

Pedestals spread - quantity pcs/sqm
60x60 cm ~ 3-3,5 pcs.
50x50 cm ~ 4,5-5 pcs.
40x40 cm ~ 6,5-7 pcs.
30x30 cm ~ 12-12,5 pcs.



MOVABLE GAP SPACERS



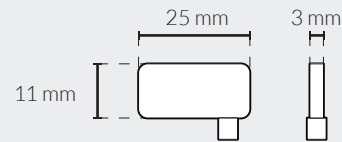
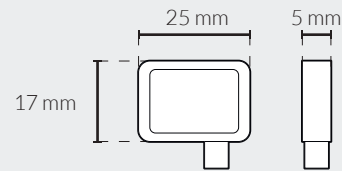
Gap spacer 3 mm



Gap spacer 5 mm

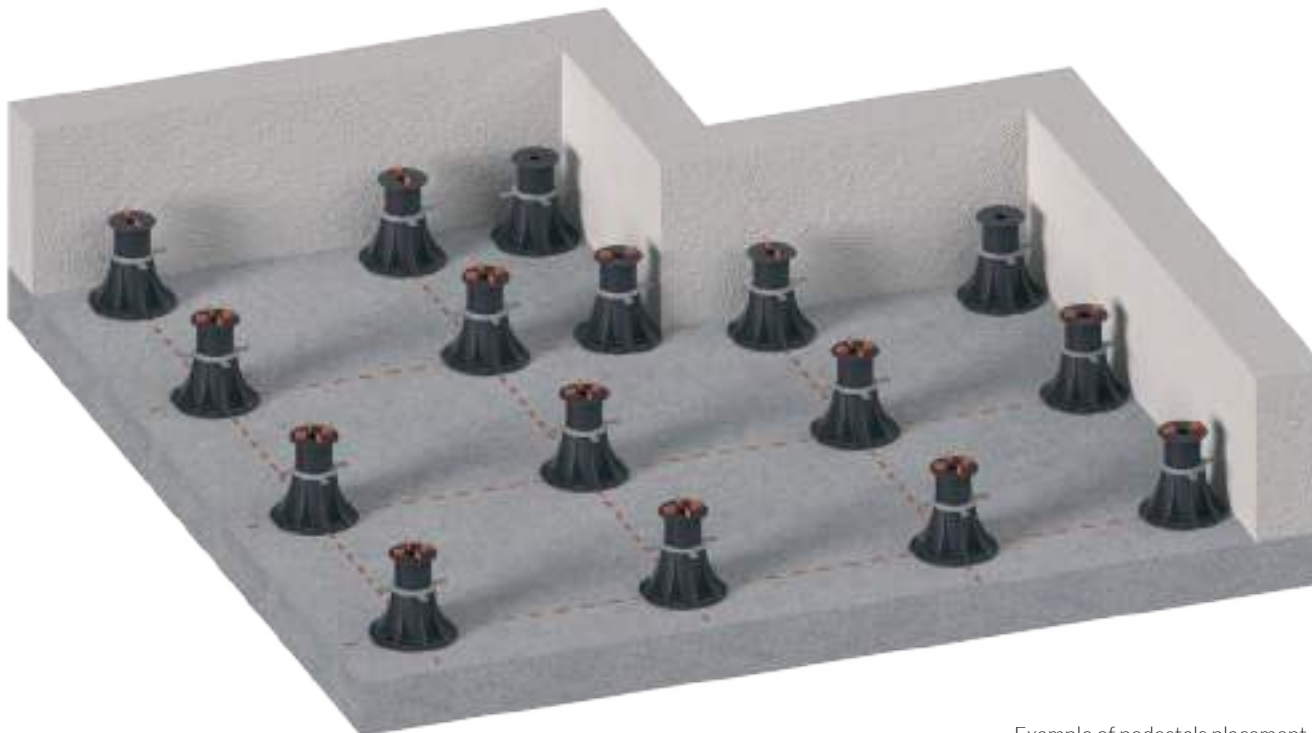
Gap spacers creates gap between tiles with 3 or 5 mm width.

Dimensions



UNIVERSAL PEDESTAL HEAD

Universal gap spacers placement on pedestal head allows to many gap spacer variations.



Example of pedestals placement



Plain base tiles underneath



Tiles corner support



Along the wall



Pedestal head with joist adapter

ADJUSTABLE PEDESTALS STANDARD

Pedestals with height range regulation 30-420 mm.

DD Adjustable Pedestal supports are designed for use with pavers and decking on flat roofs, balconies and terraces.

DD Pedestals are the solution if you want a beautiful paved terrace that is free draining, compatible with waterproofing membranes, easy to install and low cost.

More roof and balcony designs incorporate a completely flat upper surface in order to utilize them more effectively as leisure areas. Useful, practical areas can be created for leisure or services and maintenance, which would previously have been left as exposed waterproofing membrane. Not only does this help protect potentially vulnerable areas, but it increases the yield of the building footprint.



Name
DDP 030-045 MM



Name
DDP 045-070 MM

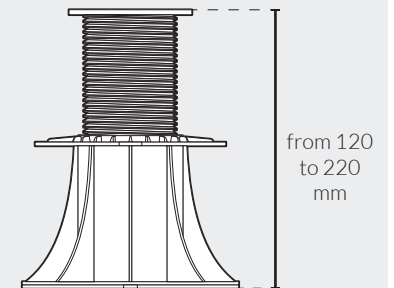
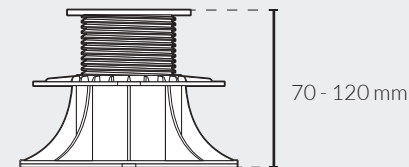
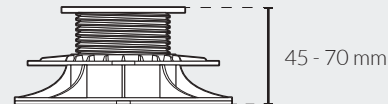
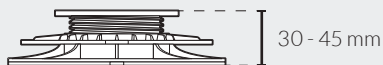
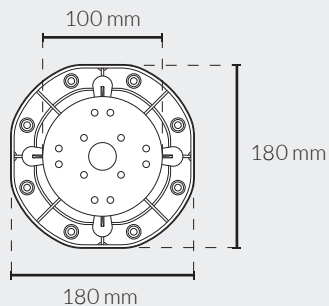


Name
DDP 070-120 MM



Name
DDP 120-220 MM

Dimension





Easy installation

Easy to use.



Height regulation

Stepless height regulation with range from 30 to 220 mm.



Screw





Screw with top plate has several openings for gap spacers installation



Expantion possibilities

Additional accessories allow for wider product properties and application.



No.	Name	Symbol
	1 Adjustable height pedestal STANDARD 30-45 mm	DDP 030-045 MM
	2 Adjustable height pedestal STANDARD 45-70 mm	DDP 045-070 MM
	3 Adjustable height pedestal STANDARD 70-120 mm	DDP 070-120 MM
	4 Adjustable height pedestal STANDARD 120-220 mm	DDP 120-220 MM

HEIGHT COUPLER

Height Coupler allows to raise pedestal height for 100 mm.

Extension element to the standard adjustable pedestals - height coupler. Whenever need to raise terrace more than standard height of adjustable pedestal DDP04 maximum 220 mm height coupler can be used. Putting one height coupler into adjustable pedestal base and then screw with ring into the coupler makes pedestal higher 100 mm. Fast and easy solution for expanding height range of the pedestals. Maximum recommended height of the pedestals is 420 mm (2 height couplers DS 100 mm).



Name
DS 100 MM





Easy installation

Height coupler is inserted into pedestal base.



Stability

Height coupler and pedestal base are stable all together.



Height

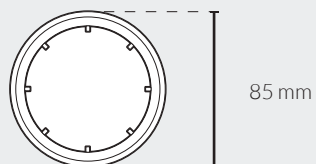
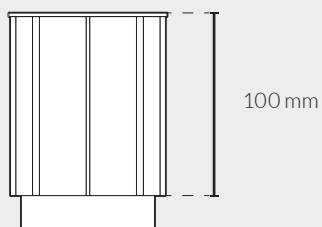
Height extension up to 420 mm (2 x DS).



Compatibility

Height coupler is compatible with following pedestals 45-70, 70-120, 120-220 mm

Dimension



No.

Name

Symbol



1 Height coupler 100 mm

DS 100 MM



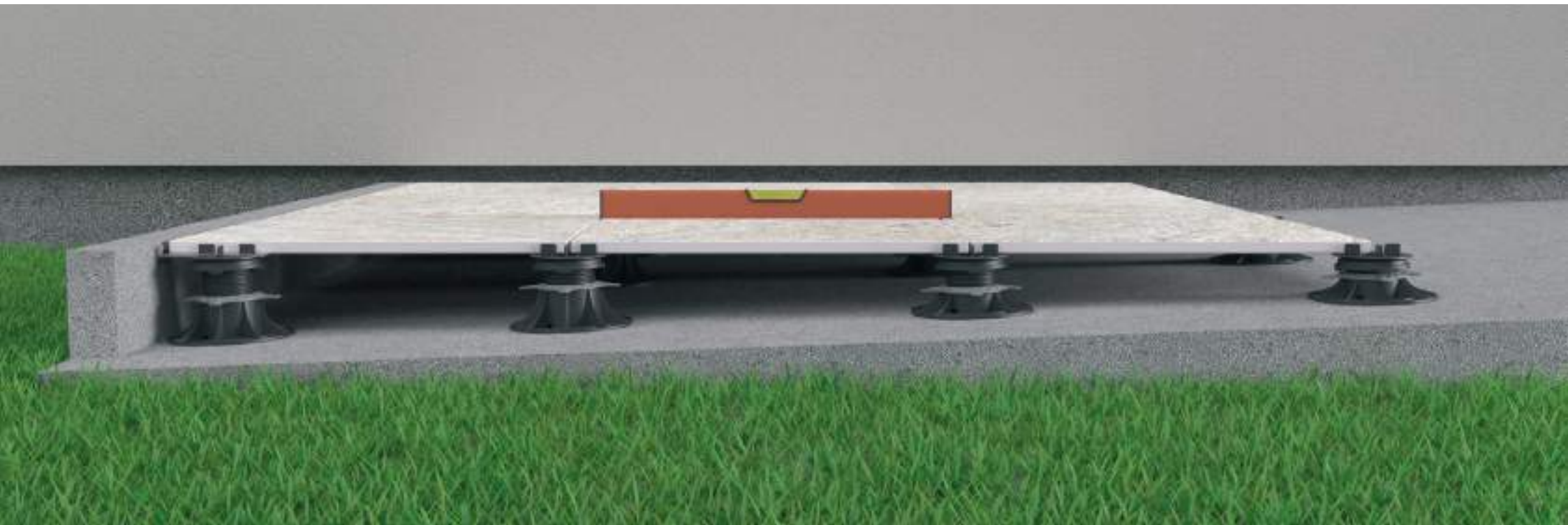
SELF LEVELLING HEAD

Self levelling head automatically reduce slope of the surface up to 7%.

The self levelling head of DD PEDESTALS allows to automatically compensate any slope up to 7%. This is a big advantage when the terrace basis is sloped and you need to achieve a flat terrace. The self-leveling height element is an additional 16 mm to the pedestal height.



Name
DDP LE





Easy installation

Connect self leveling head with pedestal top plate by latches.



Gap spacers

Openings for gap spacers 3 and 5 mm with wide possibility of it's arrangement.



Slope

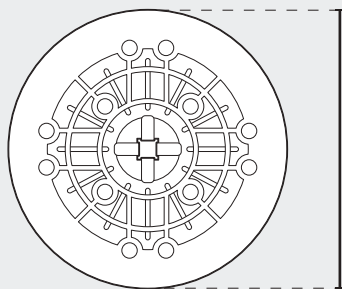
Self leveling head works up to 7% slope.



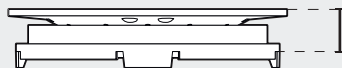
Compatibility

Compatible with all STANDARD pedestals.

Dimension



110 mm



16 mm

No.

Name

Symbol



1

Self levelling Head 7% 16 mm

DDPLE



RUBBER SHIM

Rubber adjustment shim for equalizing tiles thickness differences and noise reduction protection.

Rubber shim can be comprehensively used when making terrace with adjustable pedestals. Whenever it needs to tiles thickness adjust or make additional soundproof rubber shim are perfect solution. No more sand grain cracking under your tiles. Additional vibration absorption and noises mute.



Name
SH100 1.5 MM





Noise reduction

Elastic rubber material for better noise reduction.



Tiles alignment

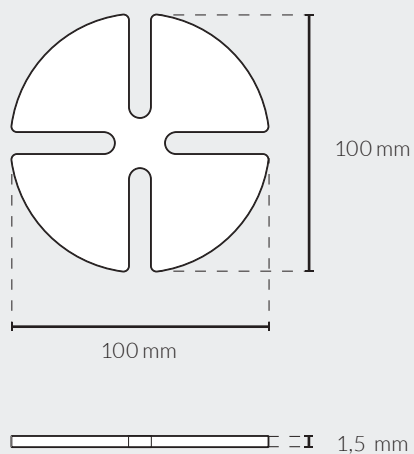
Rubber shims can be used for tiles thickness inequality.



Compatibility

Compatible with all STANDARD pedestals and self leveling head.

Dimension



Lp.

Name

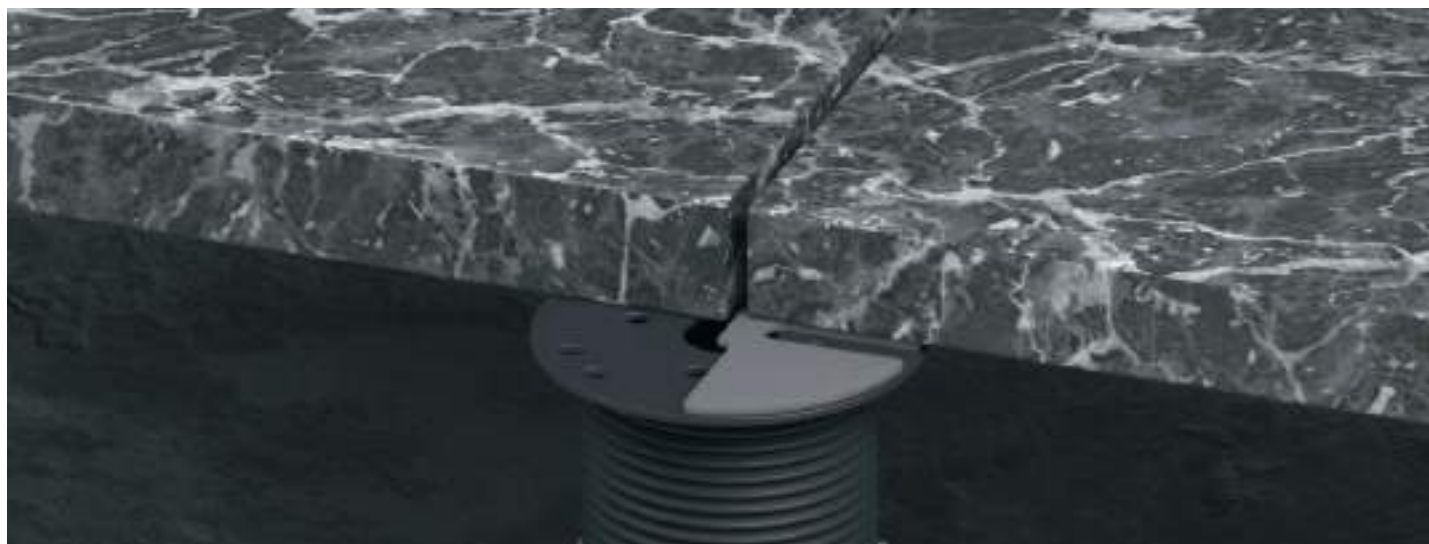
Symbol



1

Rubber shim SH100 1,5 mm

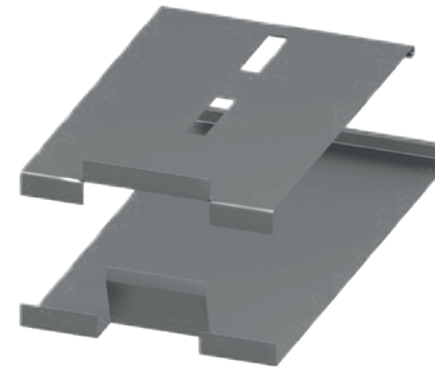
SH100 1.5 MM



VERTICAL CLOSURE CLIPS

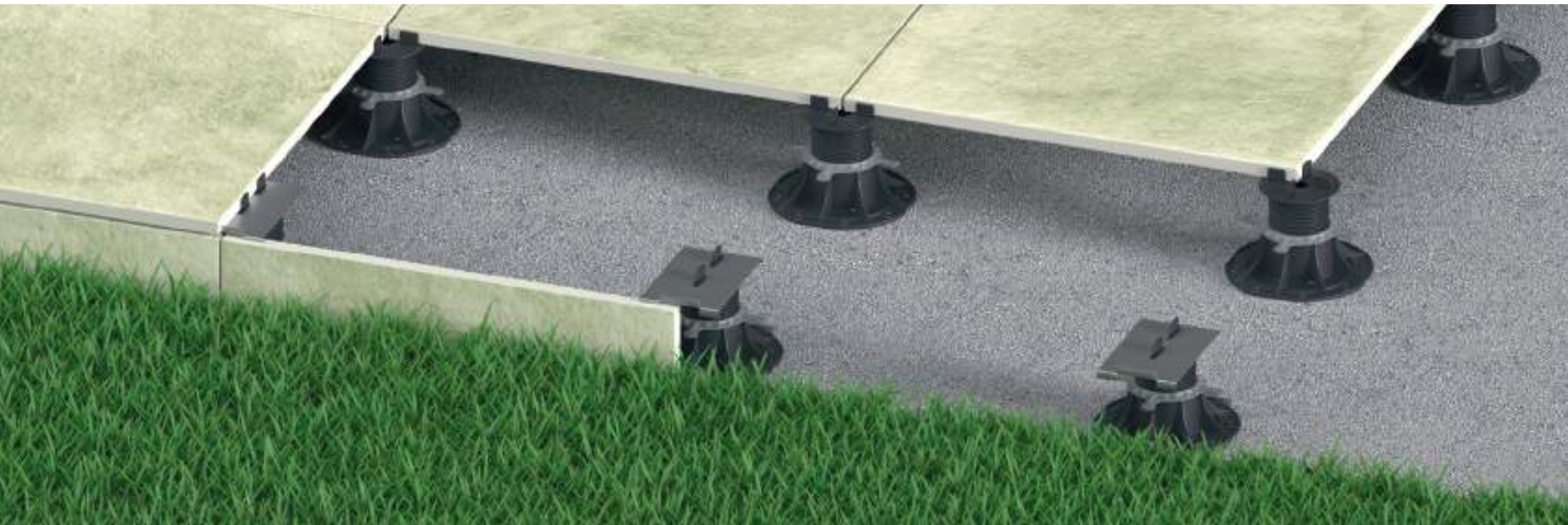
Facia board mounting clips.

Raised terrace if not placed next to the wall has gap between the basis and it's top surface. Closing this gap was always difficult place to hide. Now we introduce our new VERTICAL CLOSURE CLIPS. Clips are designed to makes edge closures esthetic and durable. Two clips where 1st is place on the bottom of the pedestal and 2nd is placed on the top. In the profiled grip tile is placed. Every vertical tile needs to be cut internal surface. Clips are not visible. Using our clips makes easier and faster creating of the raised terrace on the pedestals.



Name
DDP EDU

Name
DDP EDL





Easy installation

Ease and fast mount.



Esthetic vertical closure of the terrace

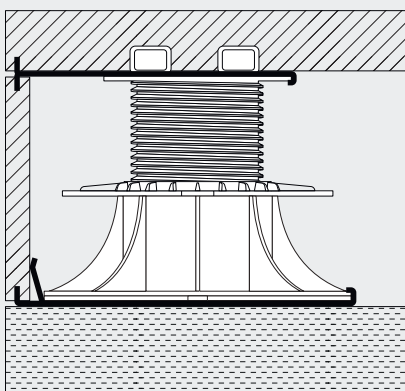
Durable vertical tiles fastening



Universal usage

Solution for vertical closure of the raised terraces

Section



No.

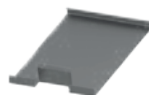
Name

Symbol



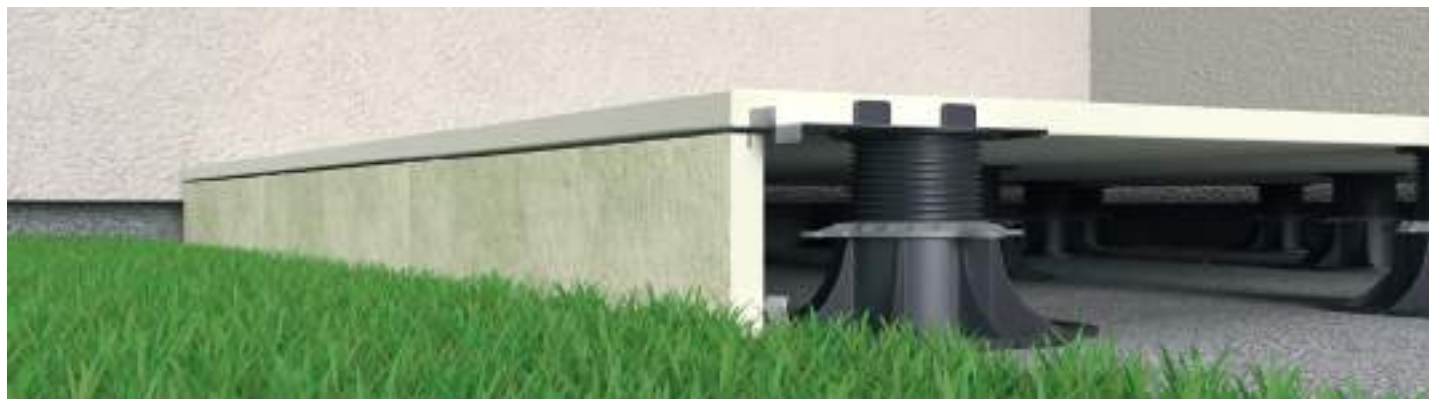
1 Vertical Closure Clip Upper

DDP EDU



2 Vertical Closure Clip Lower

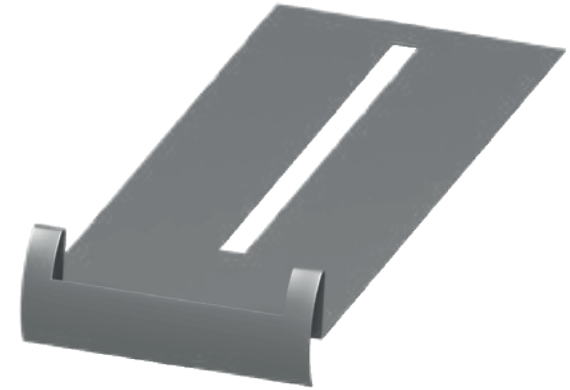
DDP EDL



EDGE SPACER CLIP

Makes gap between terrace and border wall.

Space clip to usage whenever You need to have gap between terrace surface and border wall. Distance clips allow to make safe separation between wall and terrace. Clips allows to change gap width according to expandibility of the terrace material during years. Gap width adjustable from 12-4 mm.



Name
DDP WA





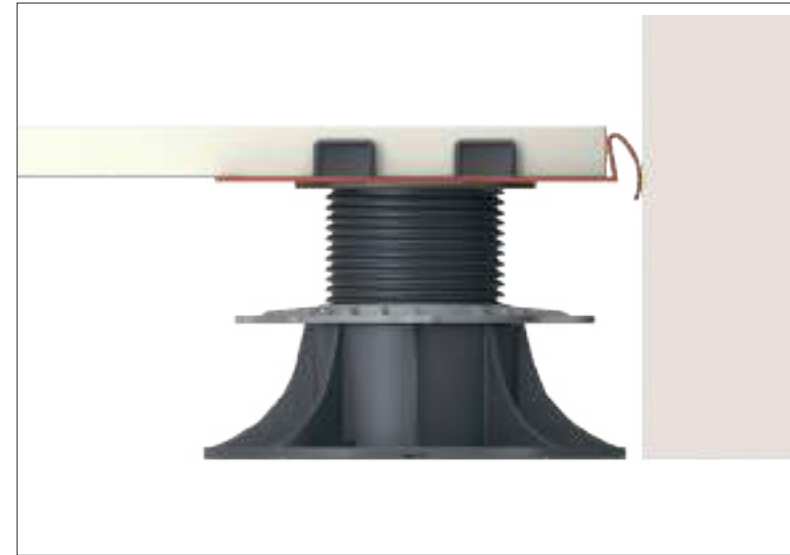
Nice and esthetic gap between terrace and wall

Stainless steel



Regulation

Accurate gap between wall and terrace.

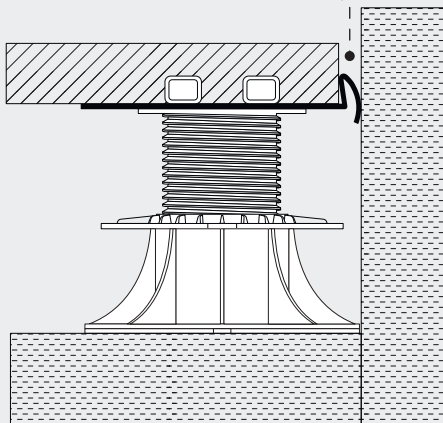


Security

Safe for isolation layer on the wall.

Section

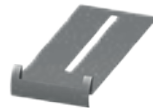
Gap width adjustable from 12-4 mm.



No.

Name

Symbol



1

Wall edge clip

DDPWA



SBR RUBBER PAD

Rubber isolation rubber pads to place under the pedestal to protect membranes and for noise reduction.

Protection pads allow to use it as barrier between adjustable pedestals and basis of the terrace (membrane). Suggested to use when vulcanizing between layers of the pedestal and roof is possible (bituminous membrane). Protection pads gives additional anti noise for the whole terrace construction. Rubber pads are not absorbing water and humidity and has good anti slip attribute.



Name
SBR PAD





Support pads underneath

Protection rubber pads made of rubber granulate. Multi use for pedestals and terrace joists.



Adjustable Pedestals underneath

Anti vibration, no crack noises when walking.



WPC joists

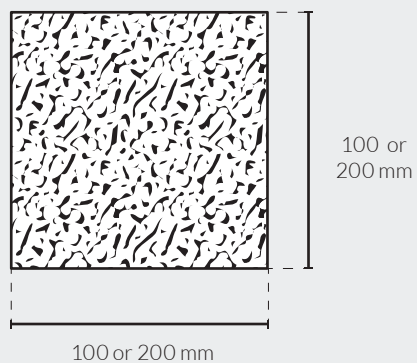
Noise reduction and surface protection.



Wooden joists

Additionally prevent material rotting.

Dimension



No.	Name	Symbol
1	SBR Rubber Pad 200 x 200 x 5 mm	SBR 200-5
2	SBR Rubber Pad 200 x 200 x 10 mm	SBR 200-10
3	SBR Rubber Pad 100 x 100 x 5 mm	SBR 100-5
4	SBR Rubber Pad 100 x 100 x 10 mm	SBR 100-10

JOIST ADAPTER

Deking joists easy installation

Joist adapter is mounted on the top pedestals plate. Adapter allows to easy and fast decking joist installation. Joists are firmly connected to pedestals and not moving while terrace installation.



Name
DDP AD





Plain pedestal top plate

Compatible with STANDARD pedestals top plate.



Self leveling head

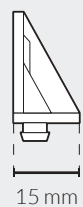
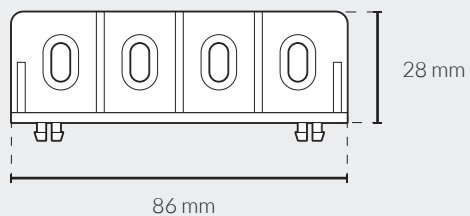
Possible to mount on self leveling head.



Wooden and composite joists

Joist is connected to the adapter by screw .

Dimension



No.

Name

Symbol









1 Joist adapter

DDPAD

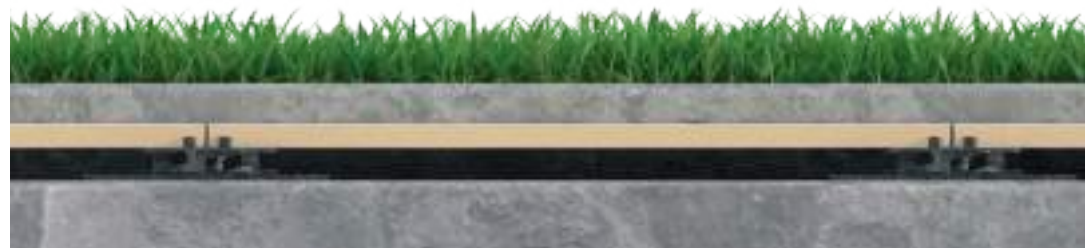



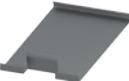


PRODUCT TABLE

Terraces elevated

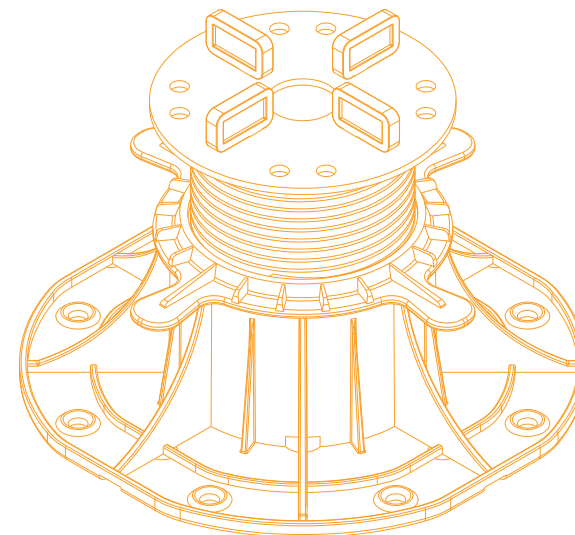
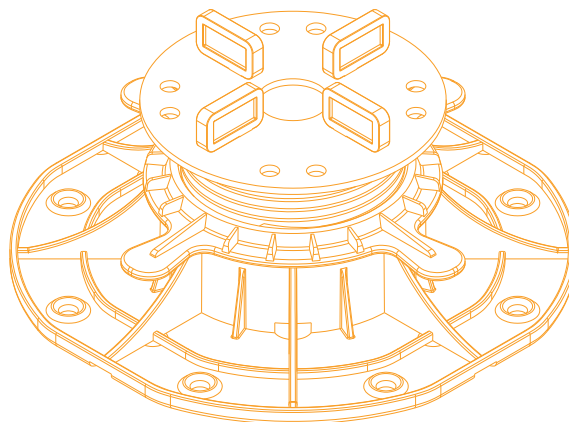
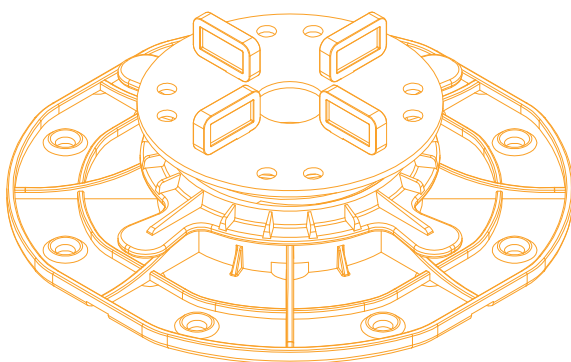
No.	Name	Symbol
1	Adjustable pedestals STANDARD	
 1.1	Adjustable height pedestal STANDARD 30-45 mm	DDP 030-045 MM
 1.2	Adjustable height pedestal STANDARD 45-70 mm	DDP 045-070 MM
 1.3	Adjustable height pedestal STANDARD 70-120 mm	DDP 070-120 MM
 1.4	Adjustable height pedestal STANDARD 120-220 mm	DDP 120-220 MM
 1.5	Height coupler 100 mm	DS 100 MM
 1.6	Self levelling Head 7% 16 mm	DDP LE

No.	Name	Symbol
1	Adjustable pedestals STANDARD	
 1.7	Rubber shim SH100 1,5 mm	SH 100 1.5 MM
 1.8	SBR Rubber Pad 100 x 100 x 5 mm	SBR 100-5
 1.9	SBR Rubber Pad 100 x 100 x 10 mm	SBR 100-10
 1.10	SBR Rubber Pad 200 x 200 x 5 mm	SBR 200-5
 1.11	SBR Rubber Pad 200 x 200 x 10 mm	SBR 200-10



No.	Name	Symbol
1	Adjustable pedestals STANDARD	
 1.12	Vertical Closure Clip Upper	DDP EDU
 1.13	Vertical Closure Clip Lower	DDP EDL
 1.14	Wall edge clip	DDP WA
 1.15	Joist adapter	DDP AD





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